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## **Stellenbosch University Open Access Seminar**

**20 October 2010, 14:00-17:30**

**JS Gericke Library Auditorium, Stellenbosch University**

# **Open access from a researcher's perspective: health sciences**

**Wolfgang Preiser**

**Division of Medical Virology,  
Stellenbosch University / NHLSTygerberg**



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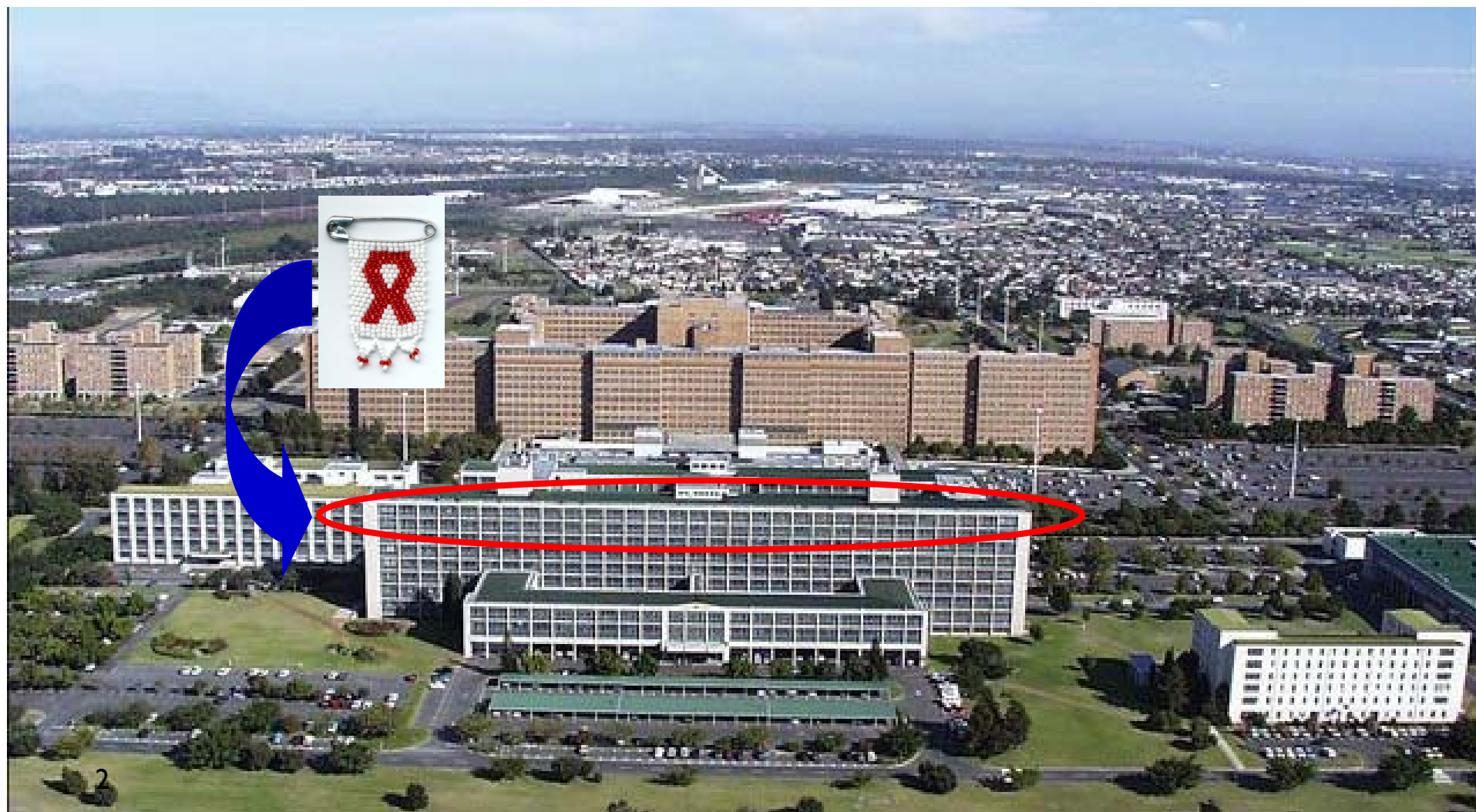




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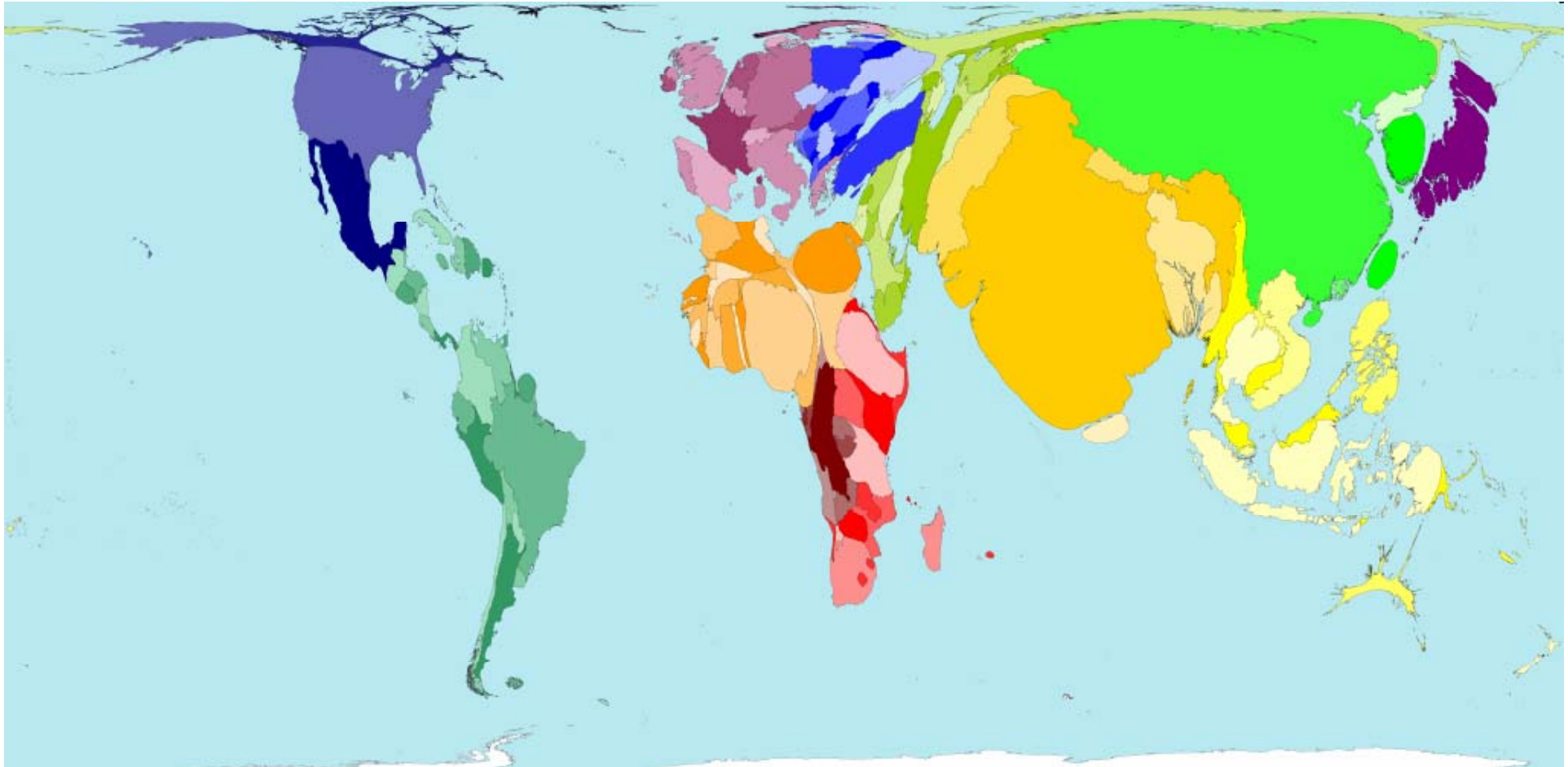


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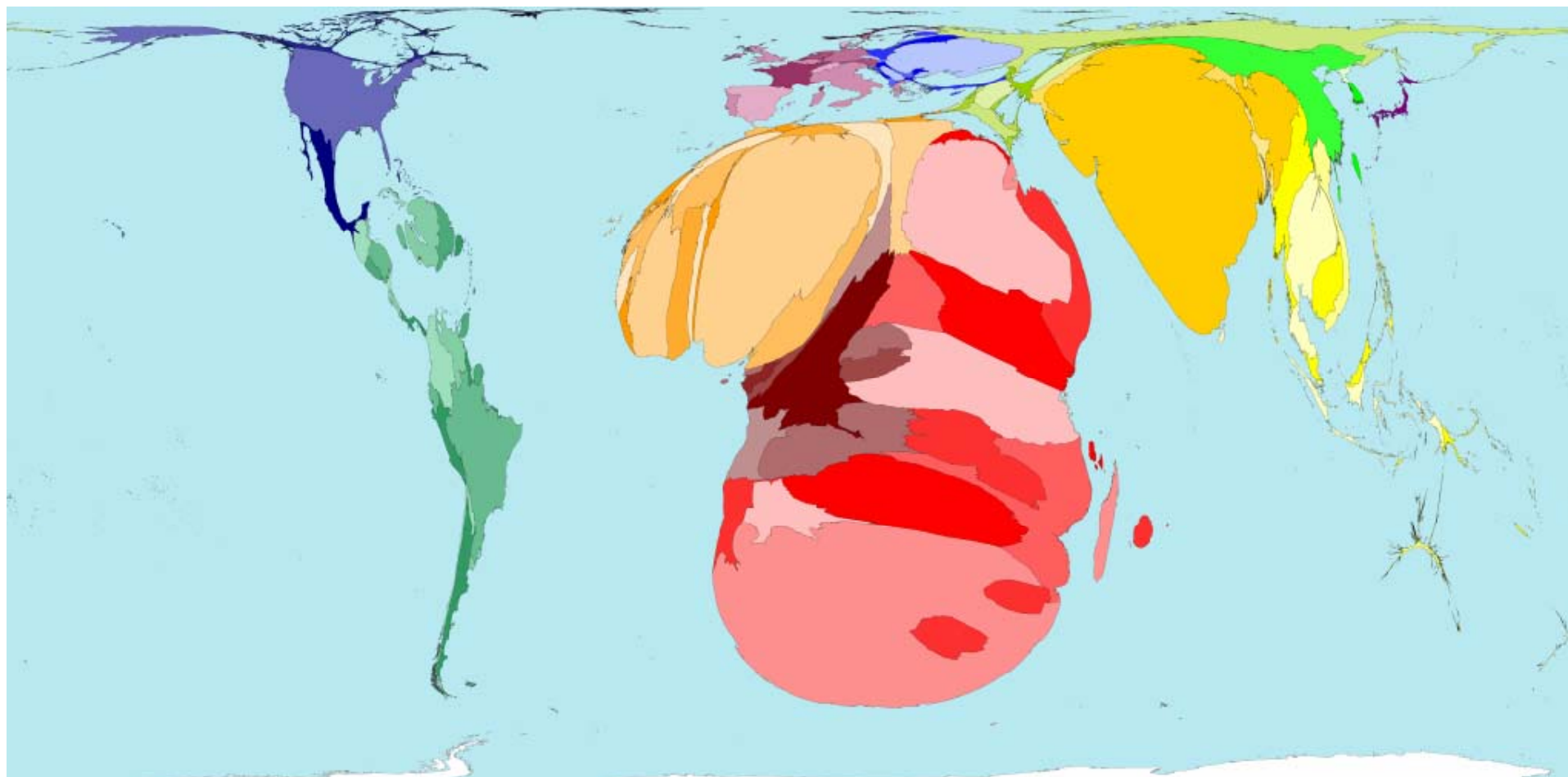
# Global population distribution



**The size of each territory shows the relative proportion  
of the world's population living there**



## Global distribution of HIV



**Territory size shows the proportion of all people  
aged 15-49 with HIV infection, living there**

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# The Long Walk to Free Aids Drugs





Photo courtesy prof. Gerhard Theron







Short communication

## Pitfalls with rapid HIV antibody testing in HIV-infected children in the Western Cape, South Africa

M. Claassen<sup>a</sup>, G.U. van Zyl<sup>a,\*</sup>, S.N.J. Korsman<sup>a</sup>, L. Smit<sup>a</sup>,  
M.F. Cotton<sup>b</sup>, W. Preiser<sup>a</sup>

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<sup>b</sup> *Department of Paediatrics and Child Health, Tygerberg Children's Hospital and University of Stellenbosch, South Africa*

Received 26 April 2006; received in revised form 16 June 2006; accepted 22 June 2006

Journal of Medical Virology 82:1314–1317 (2010)

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## Young Age a Predictor of Weak Reactivity in a Rapid Antibody Test in Infants Infected With HIV

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Leana Maree,<sup>1\*</sup> Gert U. van Zyl,<sup>1</sup> Shelley L. Lotter,<sup>1</sup> Corena de Beer,<sup>1</sup>  
Monika M. Esser,<sup>2</sup> and Wolfgang Preiser<sup>1</sup>

<sup>1</sup>*Division of Medical Virology, Department of Pathology, National Health Laboratory Service, University of Stellenbosch, Cape Town, South Africa*

<sup>2</sup>*Immunology Section, Division of Medical Microbiology, Department of Pathology, National Health Laboratory Service, University of Stellenbosch, Cape Town, South Africa*







Contents lists available at ScienceDirect

## Journal of Virological Methods

journal homepage: [www.elsevier.com/locate/jviromet](http://www.elsevier.com/locate/jviromet)



Short communication

### Extraction buffer contaminated bacterially as a cause of invalid HIV-1 viral load results on the NucliSens EasyQ<sup>®</sup> system

M. Claassen<sup>\*</sup>, G.U. van Zyl, W. Preiser

*Division of Medical Virology, National Health Laboratory Service Tygerberg/Department of Pathology, Faculty of Health Sciences, Stellenbosch University, PO Box 19063, Tygerberg 7505, South Africa*



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Short communication

### NucliSens EasyQ<sup>®</sup> HIV-1 V1.2 system: Detection of human plasma-derived background signal

G.U. van Zyl<sup>a,\*</sup>, S.N.J. Korsman<sup>b</sup>, L. Maree<sup>a</sup>, W. Preiser<sup>a</sup>

<sup>a</sup> *Division of Medical Virology, National Health Laboratory Service and Stellenbosch University, P.O. Box 19063, Tygerberg 7505, South Africa*

<sup>b</sup> *Department of Medical Virology, National Health Laboratory Service and Walter Sisulu University, Faculty of Health Sciences, Private Bag X1, Mthatha 5117, South Africa*



## Are the results of my research reaching those who need them most?

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- **Primary target audience: pathologists and technologists working in diagnostic laboratories**
- **Journals used:**
  - **Journal of Clinical Virology ☹ 2008 IF 3.323**
  - **Journal of Medical Virology ☹ 2008 IF 2.576**
  - **Journal of Virol. Methods ☹ 2008 IF 2.077**
- **None of these journals is open access**
- **However, they are well known, widely read and readily available via most university libraries in South Africa and most developed countries**
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1. Maree L, van Zyl GU, Lotter SL, de Beer C, Esser MM, Preiser W.  
J Med Virol. 2010 Aug;82(8):1314-7.  
PMID: 20572089 [PubMed - indexed for MEDLINE]  
[Related citations](#)

☐ [Prevalence- and gender-specific immune response to opportunistic infections in HIV-infected patients in Lesotho.](#)

2. Rabenau HF, Lennemann T, Kircher C, Gürtler L, Staszewski S, Preiser W, McPherson P, Allwinn R, Doerr HW.  
Sex Transm Dis. 2010 Jul;37(7):454-9.  
PMID: 20531031 [PubMed - indexed for MEDLINE]  
[Related citations](#)

☐ [Pandemic flu \(H1N1\) 2009 and pregnancy.](#)

3. Andersson MI, Van Zyl G, Preiser W, Langenegger E, Theron G.  
S Afr Med J. 2010 Mar 29;100(4):192, 194. No abstract available.  
PMID: 20459950 [PubMed - indexed for MEDLINE]  
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1. Maree L, van Zyl GU, Lotter SL, de Beer C, Esser MM, Preiser W.  
J Med Virol. 2010 Aug;82(8):1314-7.  
PMID: 20572089 [PubMed - indexed for MEDLINE]  
[Related citations](#)

☐ [Significantly diminished long-term specificity of the BED capture enzyme immunoassay among patients with HIV-1 with very low CD4 counts and those on antiretroviral therapy.](#)

2. Marinda ET, Hargrove J, Preiser W, Slabbert H, van Zyl G, Levin J, Moulton LH, Welte A, Humphrey J.  
J Acquir Immune Defic Syndr. 2010 Apr 1;53(4):496-9.  
PMID: 20306555 [PubMed - indexed for MEDLINE]  
[Related citations](#)

☐ [NucliSens EasyQ HIV-1 V1.2 system: Detection of human plasma-derived background signal.](#)

3. van Zyl GU, Korsman SN, Maree L, Preiser W.  
J Virol Methods. 2010 May;165(2):318-9. Epub 2010 Feb 26.  
PMID: 20219541 [PubMed - indexed for MEDLINE]  
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☐ [Surveillance of transmitted resistance to antiretroviral drug classes among young children in the Western Cape Province of South Africa](#)

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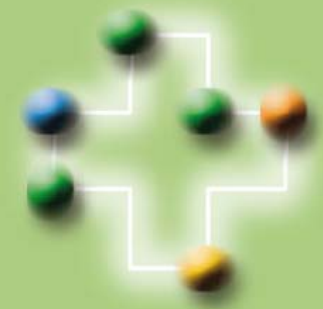


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## **Bernd Sebastian Kamps: Flying Publisher**

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# Influenza Report

*by Bernd Sebastian Kamps, Christian Hoffmann and Wolfgang Preiser (Editors)*

<http://www.influenzareport.com/index.htm>

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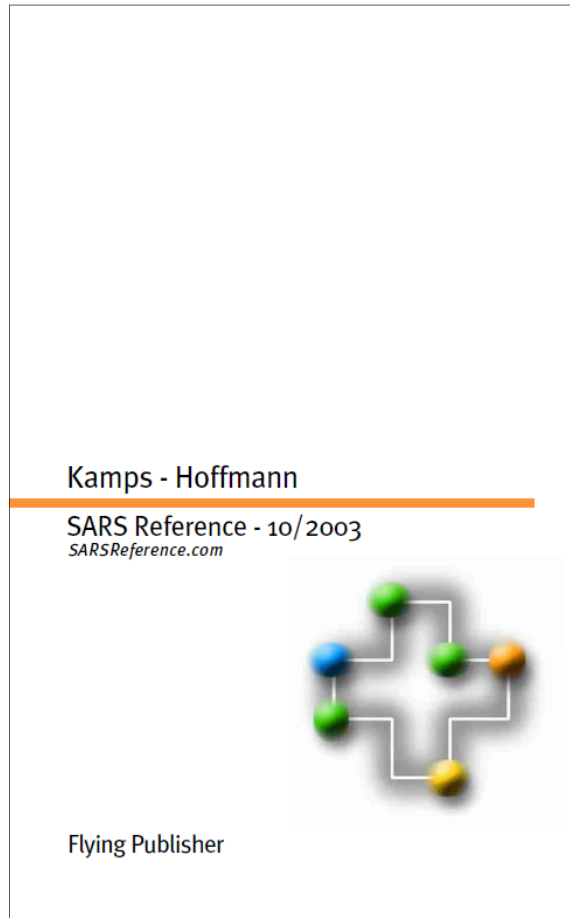
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- ▶ Spotlight issues

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## **Open Access and Research Funding by the DFG**

**... the DFG signed the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities on 22 October 2003, thereby demonstrating its efforts to support the advancement of science by calling for easily accessible, freely available electronic publications**

**...**

**In March 2009, the Alliance of German Science Organisations reacted to criticism of the open access model and rejected the insinuation that it wanted to curtail the freedom to publish (a violation of the German Basic Law) as “unacceptable”. The Alliance stated that, on the contrary, its Digital Information Initiative is aimed at equipping scientists and academics**

<sup>23</sup>**with the best possible information infrastructure.**



**Thank you, baie dankie,  
enkosi kakhulu, vielen Dank!**